



# benefit

# byproduct



Something produced when something else is made or consumed.

The gain or improvement resulting from an action.



# conserve

# conversion



The process of changing one form of energy to another, such as the conversion of chemical energy to heat and light when fuel is burned.

To use a resource in such a way that it is not wasted, lost, or damaged.





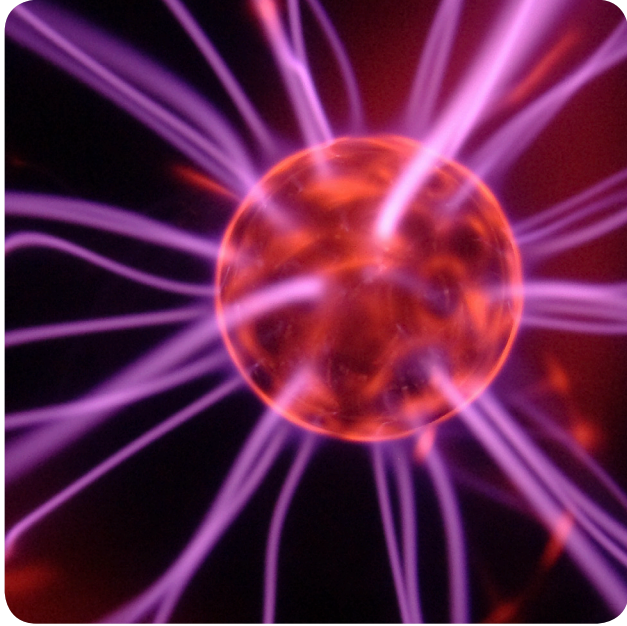
# cost

# efficiency



Operating with the least possible waste of energy, material, time, or effort.

The amount of money, time, or effort required to achieve a goal.



# electricity



# emissions



Materials, such as gases or other matter released during a process, such as manufacturing or transportation.

A flow of energy from the movement of charged particles known as electrons.





# energy

# generate



To produce or create, such as producing electricity from fuel.

The capacity to do work or the source of power to do work.



# mitigate

# natural systems



The parts, processes, and cycles in an environment, and the interactions among plants, animals, and other organisms with their environment.

To reduce or balance out the change resulting from another action, such as restoring habitat in one area to balance out a loss of habitat in another.



# power plant



# radioactive





A material that releases energy in the form of radiation.

A place where energy is converted into another form, such as heat into electricity.



# renewable resource

# utility company



A company that provides electricity, water, or communication services.

A natural resource that is naturally replenished at a rate comparable to the rate at which it is consumed by humans.